



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**Nu-Vue Industries, Inc.**  
**1055 East 29 Street**  
**Hialeah, Florida 33013**

**SCOPE:** This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series NVTA, NVTAS, NVBH, NVUH, NVRT and NVTH Wood Connectors.

**APPROVAL DOCUMENT:** Drawing No. NU-2, titled "NVTA and NVTAS, NVBH 24 and NVUH, NVRT and NVTH", sheets 1 through 4 of 4, dated 02/13/2003, with last revision dated 01/25/2012, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance (NOA) number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 08-0326.11 and consists of this page 1 and evidence pages E1 and E2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



*[Signature]*  
06/04/2012

NOA No: 12-0130.33  
Expiration Date: August 21, 2013  
Approval Date: June 14, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS “Submitted under NOA No. 05-0701.04”**

1. Drawing No. NU-2, titled “NVTa and NVTAS, NVBH 24 and NVUH, NVRT and NVTH”, sheets 1 through 4 of 4, dated 02/13/2003, with last revision dated 01/25/2012, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E.

**B. TEST “Submitted under NOA No. 05-0701.04”**

Test reports on wood connectors per ASTM D1761 by Product Testing, Inc., signed and sealed by C. R. Caudel, P.E. and S. E. Black, P.E.

|     | <b><u>Report No.</u></b> | <b><u>Wood Connector</u></b> | <b><u>Direction</u></b>       | <b><u>Date</u></b> |
|-----|--------------------------|------------------------------|-------------------------------|--------------------|
| 1.  | PT 02-4073               | NVTA                         | Upward                        | 11/06/02           |
| 2.  | PT 02-4075               | NVTA                         | Upward                        | 11/07/02           |
| 3.  | PT 02-4074               | NVTA                         | Upward                        | 11/06/02           |
| 4.  | PT 02-3938               | NVTA                         | Upward                        | 08/06/02           |
| 5.  | PT 03-4177               | NVRT36                       | Upward                        | 02/03/03           |
| 6.  | PT 03-4202               | NVRT36-T                     | Upward                        | 02/19/03           |
| 7.  | PT 03-4271               | NVRT36-T                     | Upward                        | 03/27/03           |
| 8.  | PT 03-4270               | NVRT24-T                     | Upward                        | 03/27/03           |
| 9.  | PT 02-4095               | NVUH26                       | Up & Downward                 | 01/17/03           |
| 10. | PT 02-4096               | NVBH24                       | Up & Downward                 | 12/03/02           |
| 11. | 31-22456.0002            | NVTA & NVTAS                 | Lateral                       | 07/06/02           |
| 12. | PT 04-4698               | NVTH24                       | Upward Parallel/Perpendicular | 04/15/04           |
| 13. | PT 04-5036               | NVTH24                       | Upward Load                   | 12/10/04           |

**C. CALCULATIONS “Submitted under NOA No. 04-1202.01”**

Report of Design Capacities prepared by Vipin N. Tolat, P.E.

|    | <b><u>Product Model</u></b> | <b><u>No. of Pages</u></b> | <b><u>Date</u></b> | <b><u>Signature</u></b> |
|----|-----------------------------|----------------------------|--------------------|-------------------------|
| 1. | NVBM24                      | 7 through 8                | 05/05/03           | V. N. Tolat, P.E.       |
| 2. | NVRT                        | 9 through 14               | 05/05/03           | V. N. Tolat, P.E.       |
| 3. | NVTA & NVTAS                | 1 through 6                | 05/05/03           | V. N. Tolat, P.E.       |
| 4. | NVTA & NVTAS                | 1 through 14               | 02/06/03           | V. N. Tolat, P.E.       |
| 5. | NVRT                        | 15 through 15              | 07/07/03           | V. N. Tolat, P.E.       |

  
06/04/2012

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No: 12-0130.33

Expiration Date: August 21, 2013  
Approval Date: June 14, 2012

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS**


1. None.

**F. STATEMENTS**

1. Drawing No. NU-2 statement of code conformance to 2010 FBC, dated 01/25/2012, issued, signed and sealed by Vipin N. Tolat, P.E.

***"Submitted under NOA No. 04-1202.01"***

2. No Financial Interest and code compliance letter issued by Vipin N. Tolat, P.E., on 03/26/2003 signed and sealed by Vipin N. Tolat, P.E.



06/04/2012

---

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No: 12-0130.33  
Expiration Date: August 21, 2013  
Approval Date: June 14, 2012

TABLE 1

Truss Anchors NVTA and Riveted Truss Anchors with Seat NVTAS

| H Length (in) | Product Code |           | Gauge seat | Gauge strap | No. of Fasteners each strap 10d | Maximum Allowable Load (lbs) |                             |                           |                           |
|---------------|--------------|-----------|------------|-------------|---------------------------------|------------------------------|-----------------------------|---------------------------|---------------------------|
|               |              |           |            |             |                                 | Uplift Single Strap          | Uplift Double Straps (NVTA) | L1 Single & Double Straps | L2 Single & Double Straps |
| 16            | NVTA-16      | NVTAS 212 | 20         | 14          |                                 |                              |                             |                           |                           |
| 18            | NVTA-18      | NVTAS 214 | 20         | 14          | 5                               | 757                          | 1514                        | 250                       | 500                       |
| 20            | NVTA-20      | NVTAS 216 | 20         | 14          | 6                               | 805                          | 1610                        | 250                       | 500                       |
| 22            | NVTA-22      | NVTAS 218 | 20         | 14          | 7                               | 854                          | 1708                        | 250                       | 500                       |
| 24            | NVTA-24      | NVTAS 220 | 20         | 14          | 8                               | 902                          | *1804                       | 250                       | 500                       |
| 26            | NVTA-26      | NVTAS 222 | 20         | 14          | 9                               | 951                          | *1902                       | 250                       | 500                       |
| 28            | NVTA-28      | NVTAS 224 | 20         | 14          | 10                              | 999                          | *1998                       | 250                       | 500                       |
| 30            | NVTA-30      | NVTAS 226 | 20         | 14          | 11                              | 1048                         | *2096                       | 250                       | 500                       |
| 36            | NVTA-36      | NVTAS 232 | 20         | 14          | 12                              | 1096                         | *2192                       | 250                       | 500                       |
| 48            | NVTA-48      | NVTAS 244 | 20         | 14          | 13                              | 1145                         | *2290                       | 250                       | 500                       |
|               |              |           |            |             | 14                              | 1193                         | *2290                       | 250                       | 500                       |

\*Note: For 8 or more nails per strap, use double truss for double straps.

TABLE 2

Truss Anchors NVTA and Riveted Truss Anchors with Seat NVTAS

| H Length (in) | Product Code |           | Gauge seat | Gauge strap | No. of Fasteners each strap 10d x 1.5" | Maximum Allowable Load (lbs) |                             |                           |                           |
|---------------|--------------|-----------|------------|-------------|--|------------------------------|-----------------------------|---------------------------|---------------------------|
|               |              |           |            |             |  | Uplift Single Strap          | Uplift Double Straps (NVTA) | L1 Single & Double Straps | L2 Single & Double Straps |
| 16            | NVTA-16      | NVTAS 212 | 20         | 14          |  |                              |                             |                           |                           |
| 18            | NVTA-18      | NVTAS 214 | 20         | 14          | 5                                      | 1032                         | 2236                        | 250                       | 500                       |
| 20            | NVTA-20      | NVTAS 216 | 20         | 14          | 6                                      | 1127                         | 2254                        | 385                       | 565                       |
| 22            | NVTA-22      | NVTAS 218 | 20         | 14          | 7                                      | 1136                         | 2272                        | 520                       | 630                       |
| 24            | NVTA-24      | NVTAS 220 | 20         | 14          | 8                                      | 1144                         | *2288                       | 520                       | 630                       |
| 26            | NVTA-26      | NVTAS 222 | 20         | 14          | 9                                      | 1153                         | *2306                       | 520                       | 630                       |
| 28            | NVTA-28      | NVTAS 224 | 20         | 14          | 10                                     | 1161                         | *2322                       | 520                       | 630                       |
| 30            | NVTA-30      | NVTAS 226 | 20         | 14          | 11                                     | 1170                         | *2340                       | 520                       | 630                       |
| 36            | NVTA-36      | NVTAS 232 | 20         | 14          | 12                                     | 1178                         | *2356                       | 520                       | 630                       |
| 48            | NVTA-48      | NVTAS 244 | 20         | 14          | 13                                     | 1187                         | *2374                       | 520                       | 630                       |

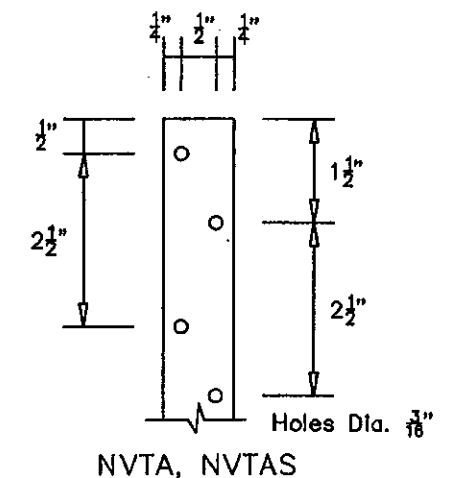
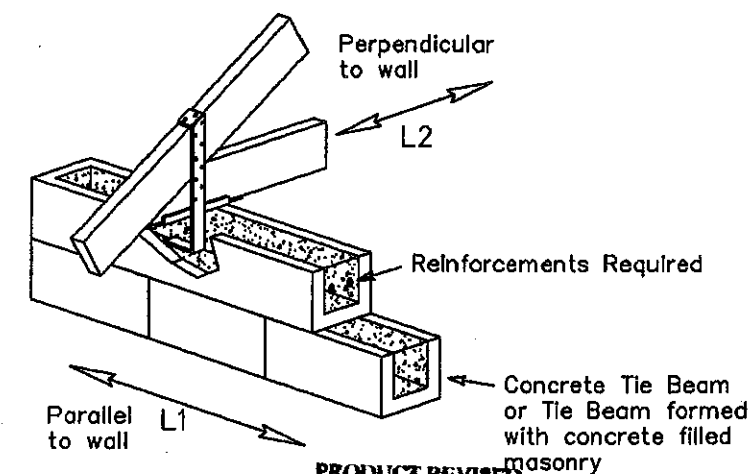
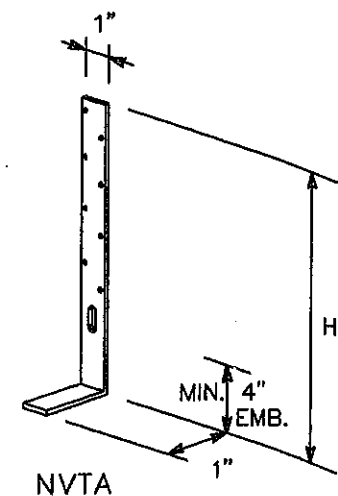
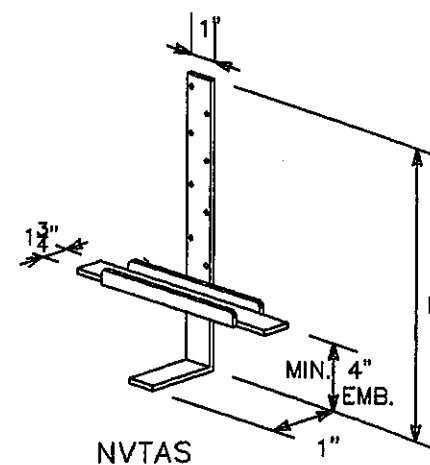
\*Note: For 8 or more nails per strap, use double truss for double straps.

## General Notes:

- Steel shall conform to ASTM A653, structural grade 33 (Min. yield 33 ksi) and a minimum galvanized coating of G 60 per ASTM A525.
- Allowable loads are based on National Design specifications (NDS) for wood construction, 2005 Edition and Florida Building Code 2010.
- Design loads are for Southern Pine species with a specific gravity of 0.55. Allowable loads for other species shall be adjusted accordingly.
- Nail values are based on NDS table 11P, G=0.55 for common wire nails and have been reduced for Penetration Depth factor  $C_D$ .
- Allowable loads for wind uplift have already been increased by a duration factor of 1.6 for anchor nails. 33% steel stress increase is not used in the tabulated values.
- Allowable loads for more than one direction for a single connection cannot be added together. A design load which can be divided into components in the directions given must be evaluated as follows:

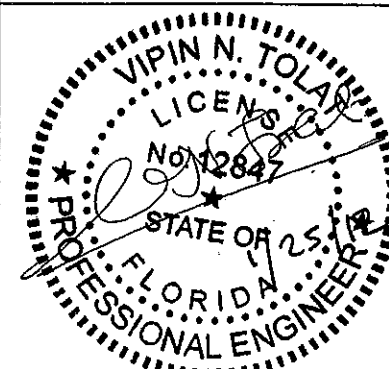
$$\frac{\text{Actual Uplift}}{\text{Allowable Uplift}} + \frac{\text{Actual L1}}{\text{Allowable L1}} + \frac{\text{Actual L2}}{\text{Allowable L2}} \leq 1.0$$

- Allowable loads are based on 1 1/2" thick wood members unless otherwise noted.
- All tie beams and grouted concrete masonry shall comply with chapters 19 and 21 of 2010 FBC. Concrete for tie beams and grout and mortar for concrete masonry shall be a min. of 2500 psi. Concrete masonry shall comply with ASTM C90.
- All tests have been conducted in accordance with ASTM D-1761.



VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LANE  
HOUSTON, TX 77068

PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No 12-0130.33  
Expiration Date 08/21/2013  
By [Signature]  
Miami/Dade Product Control



1/25/12

Nu-Vue Industries, Inc.

1053-1059 East 29 Street  
Hialeah, Florida 33013  
PHONE: (305) 694-0397  
FAX: (305) 694-0398

## NVTA AND NVTAS TRUSS ANCHORS

| DWG #: | Sheet: | Date:         | Revisions:  |
|--------|--------|---------------|---|
| NU-2   | 1 of 4 | FEB. 13, 2003 | July 7, 2003<br>June 15, 2005<br>Jan. 10, 2006<br>July 19, 2006 |

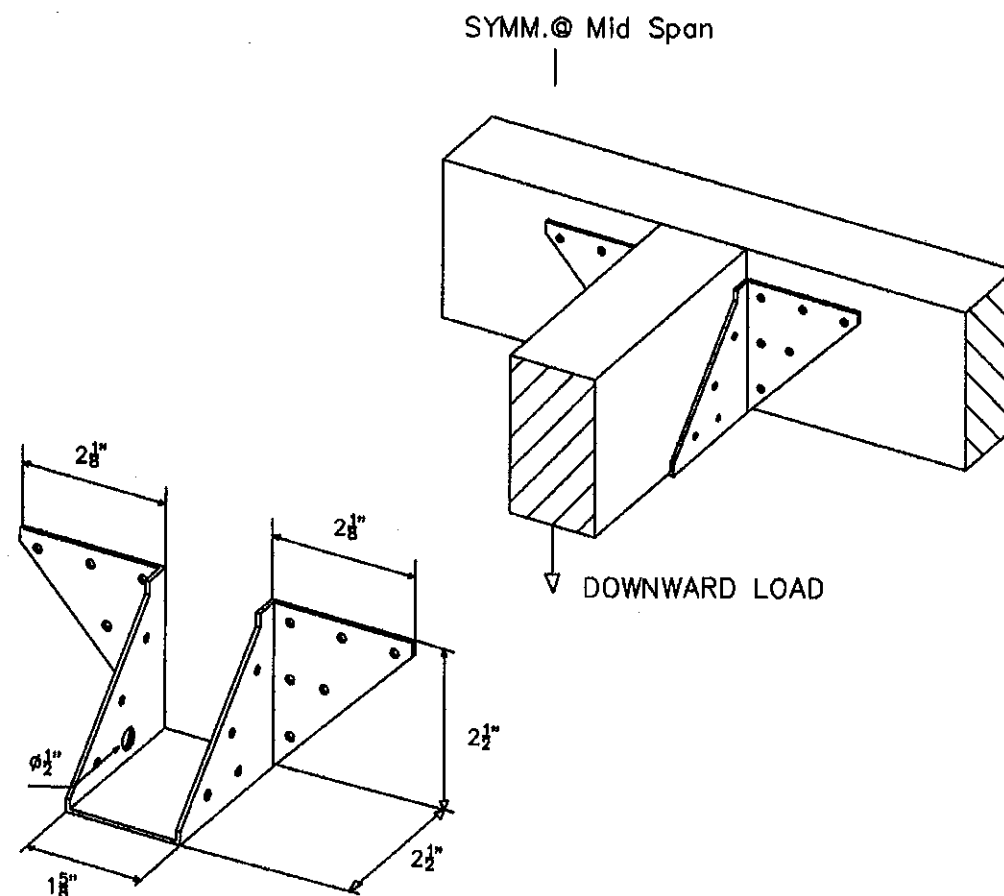
Jan 25, 2012

**TABLE 3**  
NVBH 24 BUTTERFLY HANGER

| SIZE | PRODUCT CODE | GAUGE | FASTENER SCHEDULE |          | ALLOWABLE LOADS (lbs.) |
|------|--------------|-------|-------------------|----------|------------------------|
|      |              |       | HEADER 8d         | JOIST 8d | DOWNWARD GRAVITY LOADS |
| 2x4  | NVBH24       | 18    | 12                | 6        | 1113                   |

**Notes:**

1. Use all specified fasteners in schedule to achieve values indicated.
2. Values are based on 1½" header and Joist thickness.
3. See General Notes, Sheet 1.

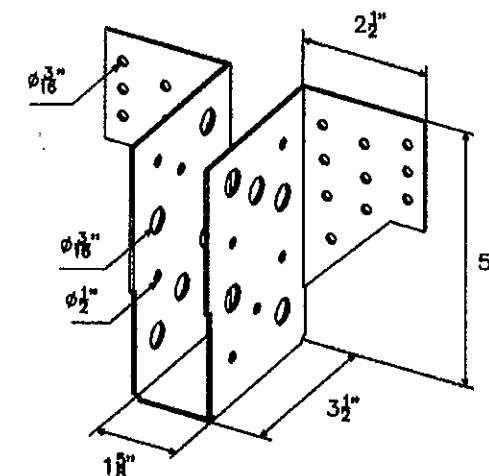


**TABLE 4**  
NVUH 26 JOIST HANGER

| SIZE | PRODUCT CODE | GAUGE | FASTENER SCHEDULE |                 | ALLOWABLE LOADS (lbs.) |                  |
|------|--------------|-------|-------------------|-----------------|------------------------|------------------|
|      |              |       | HEADER 16d        | JOIST 10d x 1½" | DOWNWARD GRAVITY LOADS | WIND UPLIFT LOAD |
| 2x6  | NVUH26       | 14    | 20                | 10              | 2233                   | 1213             |

**Notes:**

1. Use all specified fasteners in schedule to achieve values indicated.
2. Values are based on 3" header thickness and 1½" Joist thickness.
3. See General Notes, Sheet 1.



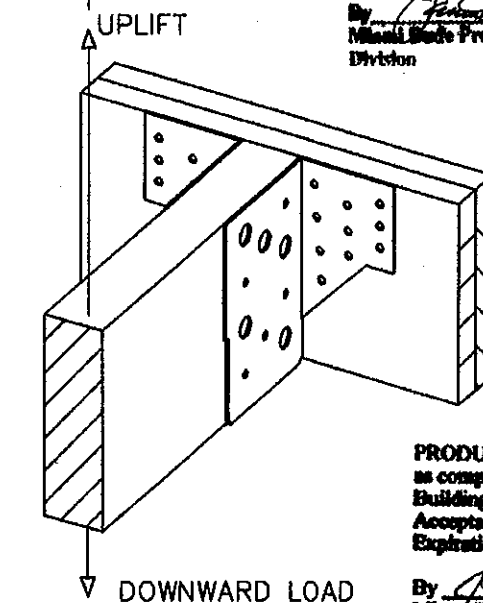
VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LANE  
HOUSTON, TX 77068

*Signature*  
7/27/06

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 12-9130-33  
Expiration Date 08/21/2013  
By *Signature*  
Miami Dade Product Control  
Division

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 05-0701-04  
Expiration Date 08/21/08  
By *Signature*  
Miami Dade Product Control  
Division

SYMM. @ Mid Span



**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 08-0326-11  
Expiration Date 08/21/2013  
By *Signature*  
Miami Dade Product Control  
Division

|   |        |               |   |
|---|--------|---------------|---|
| Nu-Vue Industries, Inc.<br>1053-1059 East 29 Street<br>Hialeah, Florida 33013<br>PHONE: (305) 694-0397<br>FAX: (305) 694-0398 |        |               |   |
| NVBH 24 AND NVUH 26 HANGERS   |        |               |   |
| DWG #:  | Sheet: | Date:         | Revisions:  |
| NU-2  | 2 of 4 | FEB. 13, 2003 | July 7, 2003<br>June 15, 2005<br>Jan. 10, 2006<br>July 19, 2006 |

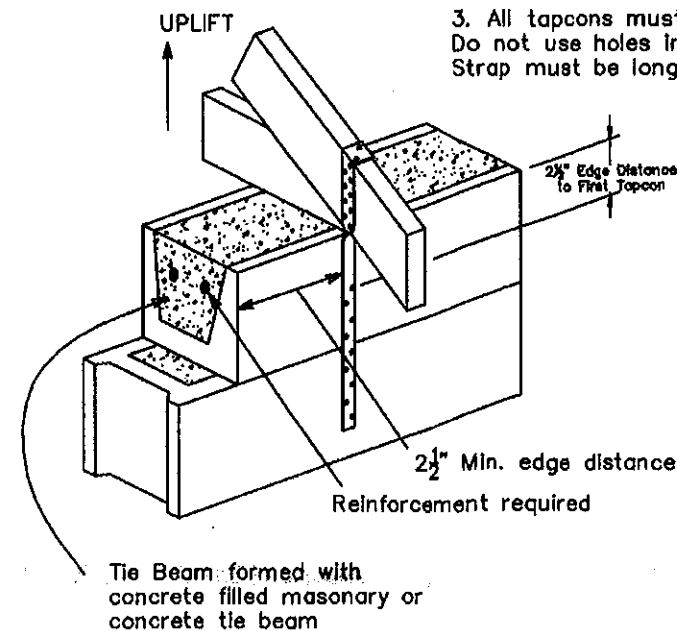
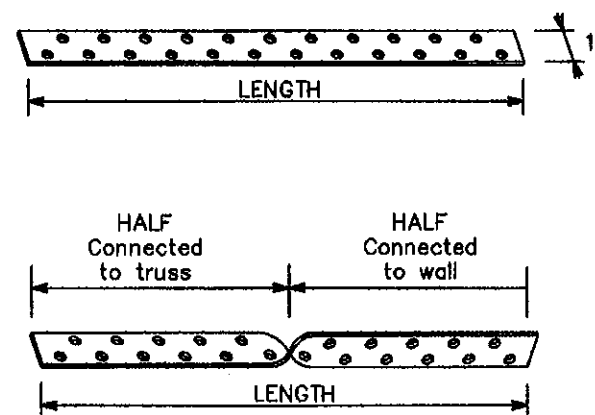
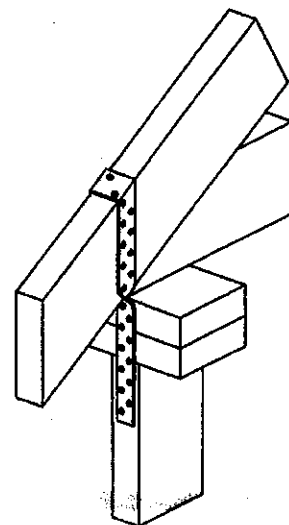
TABLE 5

NVRT Flat and Twisted Rafter Ties

| Length<br>(in) | Product<br>Code | Gauge | 16d Fasteners |                 | Maximum Uplift Load (lbs) |              |
|----------------|-----------------|-------|---------------|-----------------|---------------------------|--------------|
|                |                 |       | TOTAL         | In each member* | Flat Ties                 | Twisted Ties |
| 12             | NVRT-12         | 14    | 8             | 4               | 725                       | 724          |
| 16             | NVRT-16         | 14    | 10            | 5               | 861                       | 860          |
| 18             | NVRT-18         | 14    | 12            | 6               | 998                       | 996          |
| 20             | NVRT-20         | 14    | 14            | 7               | 1135                      | 1132         |
| 22             | NVRT-22         | 14    |               |                 |                           |              |
| 24             | NVRT-24         | 14    |               |                 |                           |              |
| 30             | NVRT-30         | 14    |               |                 |                           |              |
| 36             | NVRT-36         | 14    |               |                 |                           |              |
| 48             | NVRT-48         | 14    |               |                 |                           |              |

Notes:

- Specify "F" for Flat and "T" for Twisted when ordering.
- Fastener values are based on a minimum  $1\frac{1}{2}$ " thick wood members.
- \* Indicates no. of nails in each connected wood member.
- See General Notes, sheet 1.



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0130-33  
Expiration Date 08/21/2013  
By *[Signature]*  
Miami Dade Product Control  
Division

Notes:

- ITW tapcons shall be embedded a minimum of  $1\frac{1}{2}$ " into concrete tiebeam or tiebeam formed with concrete filled masonry. ITW tapcons shall have a min. edge distance of  $2\frac{1}{2}$ " and minimum spacing of  $1\frac{1}{2}$ " as shown.
- See General Notes, sheet 1.
- All tapcons must be in the same row space at  $1\frac{1}{2}$ " on centers. Do not use holes in the opposite row. Strap must be long enough to accommodate required tapcons.

VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LANE  
HOUSTON, TX 77068

*[Signature]*  
7/27/06

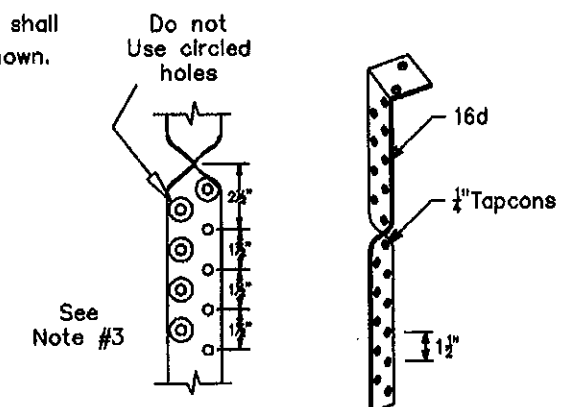
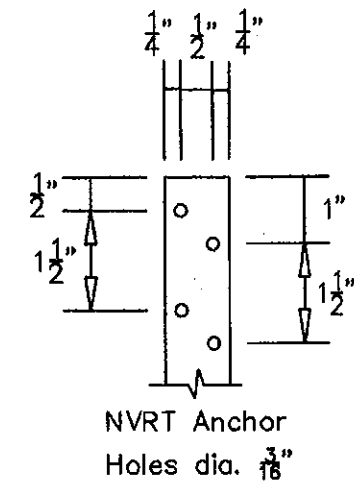
TABLE 6

NVRT Twisted Rafter Ties to Concrete Tie Beams  
or Concrete Filled Masonry

| No. of 16d nails<br>to Wood Framing | No. of $\frac{1}{4}$ " diameter<br>Tapcons to Concrete | Maximum Uplift<br>Load (lbs) |
|-------------------------------------|--|------------------------------|
| 4                                   | 6  | 722                          |
| 5                                   | 7  | 856                          |
| 6                                   | 8  | 991                          |
| 7                                   | 9  | 1125                         |

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0326-11  
Expiration Date 08/21/2013  
By *[Signature]*  
Miami Dade Product Control  
Division

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-0301-04  
Expiration Date 08/21/08  
By *[Signature]*  
Miami Dade Product Control  
Division

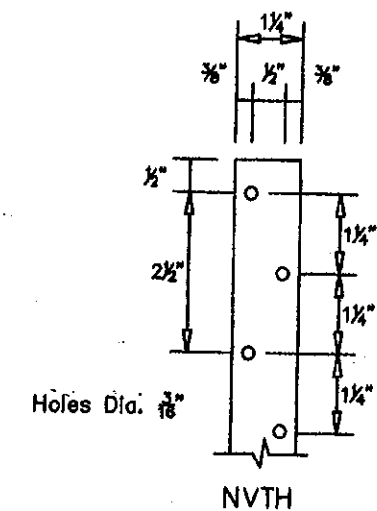
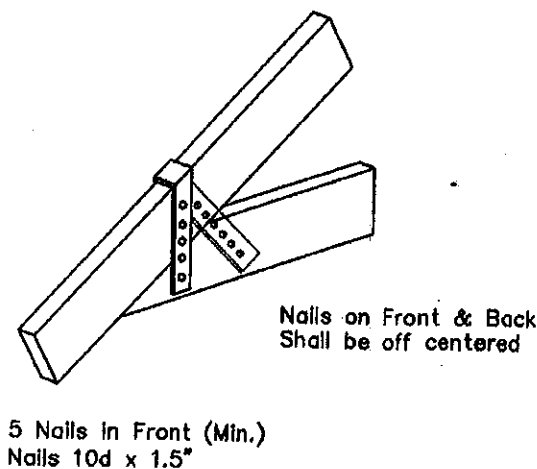
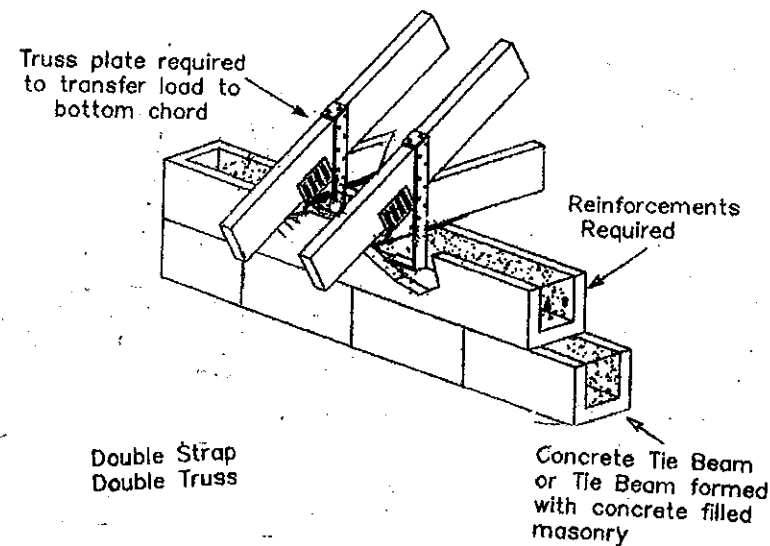
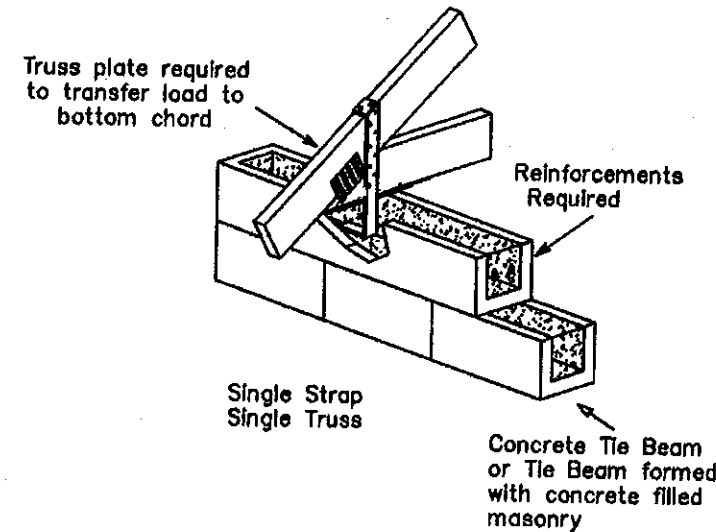
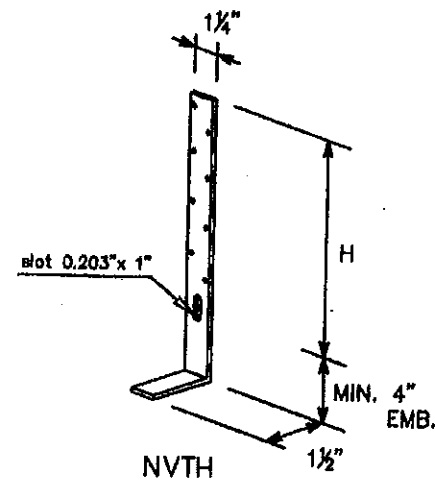


|  |        |               |   |
|--|--------|---------------|---|
| Nu-Vue Industries, Inc.  |        |               |   |
| 1053-1059 East 29 Street<br>Hialeah, Florida 33013<br>PHONE: (305) 694-0397<br>FAX: (305) 694-0398 |        |               |   |
| NVRT FLAT AND TWISTED RAFTER TIES  |        |               |   |
| DWG #:   | Sheet: | Date:         | Revisions:  |
| NU-2   | 3 of 4 | FEB. 13, 2003 | July 7, 2003<br>June 15, 2005<br>Jan. 10, 2006<br>July 19, 2006 |

# TABLE 7

## Truss Anchors NVTH

| H Length (in) | Product Code | Gauge seat | Gauge strap | No. of Fasteners in each Strap 10d x 1.5" | Maximum Uplift Loads (lbs)   |                               |
|---------------|--------------|------------|-------------|---|------------------------------|-------------------------------|
|               |              |            |             |   | Single Strap on Single Truss | Double Straps on Double Truss |
| 12            | NVTH-16      | 18         | 14          | 5   | 1032                         | 2064                          |
| 14            | NVTH-18      | 18         | 14          | 6   | 1222                         | 2444                          |
| 16            | NVTH-20      | 18         | 14          | 7   | 1275                         | 2550                          |
| 18            | NVTH-22      | 18         | 14          | 8   | 1329                         | 2658                          |
| 20            | NVTH-24      | 18         | 14          | 9   | 1383                         | 2766                          |
| 22            | NVTH-26      | 18         | 14          | 10  | 1437                         | 2874                          |
| 24            | NVTH-28      | 18         | 14          | 11  | 1490                         | 2980                          |
| 26            | NVTH-30      | 18         | 14          | 12  | 1544                         | 3088                          |
| 32            | NVTH-36      | 18         | 14          | 13  | 1598                         | 3196                          |
| 44            | NVTH-48      | 18         | 14          |   |                              |                               |



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0130.33  
Expiration Date 08/21/2013  
By [Signature]  
Miami Dade Product Control

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0326.11  
Expiration Date 08/21/2013  
By [Signature]  
Miami Dade Product Control  
Division

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-0301.04  
Expiration Date 08/21/2013  
By [Signature]  
Miami Dade Product Control  
Division

VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LANE  
HOUSTON, TX 77068

*CON BEK*  
7/27/06

Nu-Vue Industries, Inc.  
1053-1059 East 29 Street  
Hialeah, Florida 33013  
Phone: (305) 694-0397  
Fax: (305) 694-0398

### NVTH ANCHORS

|        |        |               |            |
|--------|--------|---------------|------------|
| DWG #: | Sheet: | Date:         | Revisions: |
| NU-2   | 4 of 4 | JULY 19, 2006 |            |